

DISCRETE MATHEMATICS

VOLUME 105, NUMBERS 1-3, AUGUST 14, 1992

CONTENTS

<i>G. Behrendt</i> Automorphism groups of posets with forbidden subposets	1
<i>A. Del Fra and D. Ghinelli</i> Classification of extended generalized quadrangles with maximum diameter	13
<i>J.D. Dixon</i> Random sets which invariably generate the symmetric group	25
<i>R.J. Douglas</i> NP-completeness and degree restricted spanning trees	41
<i>M. Ern�</i> The number of partially ordered sets with more points than incomparable pairs	49
<i>R.J. Faudree, R.J. Gould, M.S. Jacobson and L.M. Lesniak</i> Neighborhood unions and a generalization of Dirac's theorem	61
<i>J. Fonlupt, A.R. Mahjoub and J.P. Uhry</i> Compositions in the bipartite subgraph polytope	73
<i>C.T. Ho�ng and F. Ma�fray</i> On slim graphs, even pairs, and star-cutsets	93
<i>Z. Jackowski</i> A new characterization of proper interval graphs	103
<i>K.W. Johnson</i> Latin square determinants II	111
<i>J.H. Kwak and J. Lee</i> Isomorphism classes of cycle permutation graphs	131
<i>D.E. Loeb</i> A generalization of the binomial coefficients	143
<i>Y. Manoussakis and D. Amar</i> Hamiltonian paths and cycles, number of arcs and independence number in digraphs	157
<i>J. Oxley and G. Whittle</i> Connectivity of submodular functions	173
<i>A. Ruci�ski</i> Matching and covering the vertices of a random graph by copies of a given graph	185

<i>R.A. Stevenson</i> Dilworth truncations and k -induced matroids	199
<i>D.R. Stinson and Y.J. Wei</i> Some results on quadrilaterals in Steiner triple systems	207
<i>E.L. Tan</i> Some notes on cycle graphs	221
<i>S.M. Tanny</i> A well-behaved cousin of the Hofstadter sequence	227
<i>I. Tomescu</i> Ordered h -hypertrees	241
<i>T. Ueda</i> Circular nonsingular threshold transformations	249
<i>P. Wójcik</i> Density of union-closed families	259
<i>D.R. Woodall</i> Cycle lengths and circuit matroids of graphs	269
<i>X. Yu</i> Cyclomatic numbers of connected induced subgraphs	275
<i>F. Zhang and X. Guo</i> Reducible chains in several types of 2-connected graphs	285
<i>I.E. Zverovich and V.E. Zverovich</i> Contributions to the theory of graphic sequences	293
Notes	
<i>M. Bača</i> On magic labelings of honeycomb	305
<i>J. Lahtonen</i> An optimal polynomial for a covering radius problem	313
<i>V.I. Rodionov</i> On the number of labeled acyclic digraphs	319
<i>X.-Y. Su</i> A result on decompositions of regular graphs	323
Research problems	327
Author index to volume 105	329

